

REMARKS

Claims 1 and 2 have been amended better to particularly point out that which applicants regard as their invention. New claims 11 to 14 based upon the working examples have been added. Thus, the claims before the Examiner for consideration are claims 1 to 14.

The rejection of claims 1 to 8 under 35 USC 102 as anticipated by JP '068, if applied to the claims as amended, is respectfully traversed. Claims 1 and 2 (the only independent claims) have been amended to state that the adjacent groups that may be bonded to each other and form a saturated or unsaturated carbon ring are groups R^3 to R^{10} ; groups R^1 and R^2 do not do so. Thus, the claims as amended do not embrace the compounds of the reference nor are they suggested thereby. Claim 2 has been further amended to clarify that the latter recitation of A' and C' groups is in addition to the earlier recitation.

The rejection of claims 9 and 10 under 35 USC 103 as unpatentable over JP '068 in view of Araki et al. '049 is also respectfully traversed. As indicated above, the independent claims have been changed to exclude the compounds shown in the primary reference and claims 9 and 10 likewise patentably define thereover.

The statement by the Examiner regarding the claim for priority under 35 USC 119 is noted. There is no specific indication that

the certified copies have been received. The Examiner is asked to so confirm and is referred to the paper filed November 28, 2001.

The Examiner is informed that an Information Disclosure Statement was filed January 16, 2003. The Examiner is requested to consider that paper along with the present response.

In view of the foregoing revisions and remarks, it is respectfully submitted that claims 1 to 14 are in condition for allowance and a USPTO paper to those ends is earnestly solicited.

The Examiner is requested to telephone the undersigned if additional changes are required in the case prior to allowance.

Respectfully submitted,

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Date

CAW/dlb

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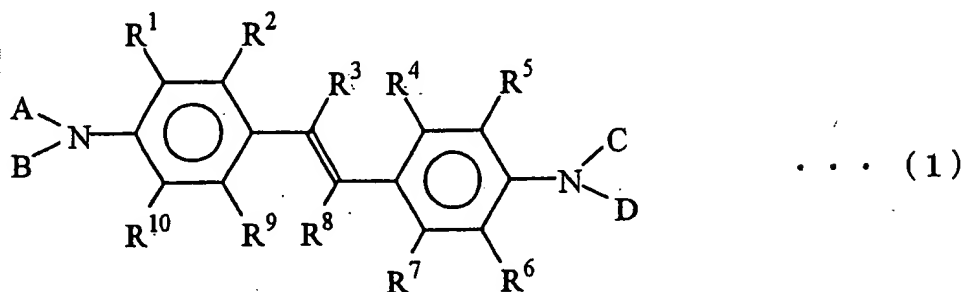
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WHAT IS CLAIMED IS:

1. (Amended) A novel styryl compound represented by the following general formula (1):



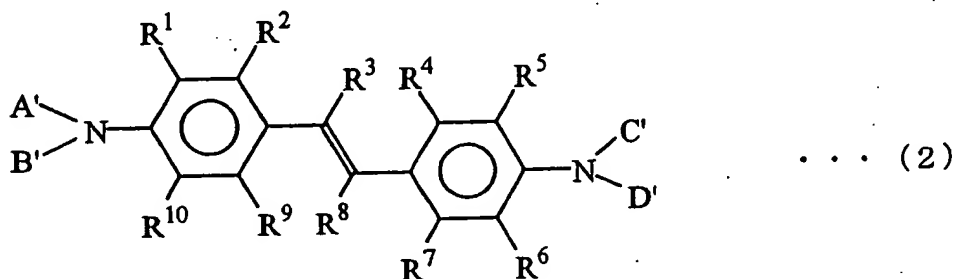
wherein R^1 to R^{10} each independently represent hydrogen atom, a substituted or unsubstituted alkyl group having 1 to 30 carbon atoms, a substituted or unsubstituted alkoxy group having 1 to 30 carbon atoms, a substituted or unsubstituted aryl group having 6 to 20 carbon atoms, a substituted or unsubstituted aryloxy group having 6 to 18 carbon atoms, a substituted or unsubstituted condensed polycyclic group having 6 to 30 carbon atoms, a substituted or unsubstituted heterocyclic group having 5 to 30 carbon atoms, amino group, an alkylamino group having 2 to 30 carbon atoms, an arylamino group having 6 to 30 carbon atoms, cyano group, nitro group, hydroxyl group or a halogen atom, and adjacent groups among groups represented by R^1 to R^{10} may be bonded to each other and form a saturated or unsaturated carbon ring; and

A, B, C and D each independently represent a substituted or unsubstituted alkyl group having 1 to 20 carbon atoms or a substituted or

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unsubstituted aryl group having 6 to 40 carbon atoms, and at least two of A, B, C and D each represent a group represented by $-\text{Ar}^1-\text{Ar}^2$, Ar^1 representing a substituted or unsubstituted phenylene group or naphthalene group and Ar^2 representing a substituted or unsubstituted aryl group having 6 to 34 carbon atoms, excluding a case in which A and C represent biphenyl group and B and D represent phenyl group.

2. (Amended) A novel styryl compound represented by the following general formula (2):



wherein R^1 to R^{10} each independently represent hydrogen atom, a substituted or unsubstituted alkyl group having 1 to 30 carbon atoms, a substituted or unsubstituted alkoxy group having 1 to 30 carbon atoms, a substituted or unsubstituted aryl group having 6 to 20 carbon atoms, a substituted or unsubstituted aryloxy group having 6 to 18 carbon atoms, a substituted or unsubstituted condensed polycyclic group having 6 to 30 carbon atoms, a substituted or unsubstituted heterocyclic group having 5 to 30 carbon atoms, amino group, an alkylamino group having 2 to 30 carbon atoms, an arylamino group having 6 to 30 carbon atoms, cyano

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group, nitro group, hydroxyl group or a halogen atom, and adjacent groups among groups represented by R^1 - R^3 to R^{10} may be bonded to each other and form a saturated or unsaturated carbon ring; and

A', B', C' and D' each independently represent a substituted or unsubstituted alkyl group having 1 to 20 carbon atoms or a substituted or unsubstituted aryl group having 6 to 40 carbon atoms, and A' and C' additionally each represent a substituted or unsubstituted condensed hydrocarbon group having 2 to 5 rings.

3. An electroluminescence device comprising a pair of electrodes and a film of organic compounds which is disposed between the pair of electrodes and comprises a single layer or a plurality of layers comprising at least a light emitting layer, wherein at least one of the layers of the film of organic compounds comprises a novel styryl compound described in Claim 1.

4. An electroluminescence device comprising a pair of electrodes and a film of organic compounds which is disposed between the pair of electrodes and comprises a single layer or a plurality of layers comprising at least a light emitting layer, wherein at least one of the layers of the film of organic compounds comprises a novel styryl compound described in Claim 2.

5. An electroluminescence device comprising a pair of electrodes and a

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9. An electroluminescence device according to Claim 5, wherein a layer of an inorganic compound is disposed between the light emitting layer and the electrode.

10. An electroluminescence device according to Claim 6, wherein a layer of an inorganic compound is disposed between the light emitting layer and the electrode.

11. (New) The styryl compound according to Claim 1 wherein R¹ to R¹⁰ each represents hydrogen and A, B, C and D each represent a biphenyl group.

12. (New) The styryl compound according to Claim 1 wherein R¹ to R¹⁰ each represents hydrogen, A and C each represents a phenyl group, and B and D each represents a naphthyl group.

13. (New) The styryl compound according to Claim 1 wherein R¹ to R¹⁰ each represents hydrogen, A and C each represents a phenyl group, and B and D each represents phenanthrenyl.

14. (New) The styryl compound according to Claim 1 wherein R¹ to R¹⁰ each represents hydrogen, A and C each represents a phenyl group and B and D each represents methoxynaphthyl.